

WHAT IS CLAIMED IS:

1. An electronic camera system comprising:  
an electronic camera including a record medium  
which records an image information obtained by a  
5 shooting, detection means which detects that a memory  
capacity of said record medium becomes a predetermined  
value, and a first interface which transmits and  
receives information; and

a communication unit including wireless  
10 communication means which can transmits an image file,  
transmission control means to transmit the image  
information recorded on said record medium by said  
wireless communication means based on a detection  
signal from said detection means, and a second  
15 interface which transmits and receives the information  
with said first interface of said electronic camera.

2. The electronic camera system according to  
claim 1, wherein said electronic camera further  
includes first setting means to adjust a memory  
20 capacity of said record medium detected by said  
detection means.

3. The electronic camera system according to  
claim 1, wherein

said communication unit has measurement means to  
25 measure a communication environment by said wireless  
communication means, and

said electronic camera further includes second

setting means to adjust an amount of the image file to be continuously transmitted according to the communication environment measured by said measurement means.

4. The electronic camera system according to  
5 claim 1, wherein said transmission control means can connect a plurality of wireless communication systems with different rate systems.

5. The electronic camera system according to  
10 claim 4, wherein one of said electronic camera or said communication unit has selection means to select a wireless communication system to be connected based on at least one of the capacity of the image file to be transmitted or a rate system.

6. An electronic camera comprising:  
15 a record medium which makes an image obtained by a shooting a file and records it;

wireless communication means which can transmits and receives an image information recorded on said record medium;

20 setting means to set a memory capacity recorded on said record medium;

detection means to detect that a memory capacity recorded on said record medium becomes a capacity set by said setting means; and

25 transmission and reception control means to transmit and receive recorded information recorded on said record medium with said wireless communication

means based on a detection signal from said detection means.

7. The electronic camera according to claim 6, wherein

5        said wireless communication means and said transmission control means are made a unit, and  
      said unit can be attached to said electronic camera.

8. The electronic camera according to claim 6,  
10       wherein said transmission and reception control means includes position registration means to secure a position to a nearest communication base station automatically, and controls to transmit a recorded information to the nearest communication base station.

15       9. The electronic camera according to claim 6, wherein  
      said transmission and reception control means includes judgment means to judge whether the recorded information can be transmitted to a nearest  
20       communication base station, and

      said setting means decreases the set memory capacity when said judgment means judges that it is impossible to transmit the recorded information.

10. The electronic camera according to claim 6,  
25       wherein

      said transmission and reception control means includes judgment means to judge whether the recorded

information can be transmitted to the communication base station, and

5       said setting means resets the set memory capacity when said judgment means judges that it is impossible to transmit the recorded information.

11. The electronic camera according to claim 6, wherein said transmission and reception control means includes means to receive a communication completion signal and means to delete information to be  
10       transmitted from the record medium after the communication completion signal is received.

12. The electronic camera according to claim 6, wherein said transmission and reception control means can be connected with a plurality of wireless  
15       communication systems with different rate systems.

13. The electronic camera according to claim 12, wherein said transmission and reception control means includes selection means to select a wireless  
20       communication system to be connected based on at least one of capacity of the image information to be transmitted or the rate systems.